

WEEKLY STATUS REPORT # 6
Parcel E Standard Data Gaps Investigation
Hunters Point Shipyard, San Francisco, California
September 7, 2002

1. WORK ACCOMPLISHED THIS WEEK

PLANS

The SAP was submitted to regulatory agencies August 22. Comments on the SAP are due from the regulatory agencies on September 19, 2002.

FIELD WORK

Through Thursday, September 6, the Phase I sampling team completed the following work:

- ☐ Shoreline sampling teams collected 17 systematic locations, 8 bias sample locations and four deep boring by the Landfill Area Sheet Pile Wall.
- ☐ Petroleum odors were noted in the deep interval of the shoreline sample IR02SH006 and additional samples were collected for TPH-p and -e.
- ☐ A previously unidentified area of kiln brick and incinerator slag was observed between sampling locations IR01SH025 and IR01SH024. An extra discretionary sample for dioxin and furan analysis was collected from the kiln brick.
- ☐ The onshore (near Parcel A) sampling team collected samples from 18 borings in IR-05, IR-36, and IR-56.
- ☐ Hydrocarbon odors were noted at a depth of about 8 feet in borings IR05BO95 and IR05B098. Extra samples for TPH-p and -e were collected.
- ☐ Four soil borings were advanced to depth of 10 feet bgs in the vicinity of the Landfill Area Sheet Pile Wall, between the shoreline and the riprap areas. Visual observations verified that there is no buried landfill waste in these areas. A limited access Geoprobe mounted on the end of an excavator boom was used to collect the samples.
- ☐ A Quality Assurance audit was performed by Tetra Tech. Sample collection and handling were observed as well as the documentation of the sampling effort. No serious deficiencies were observed.
- ☐ Surveyed sampled locations with a portable GPS unit capable of measuring coordinates and elevations
- ☐ Cleared sampled locations of utilities

LABORATORY ANALYSIS

Coordination continued with the laboratories analyzing the samples collected between 08/26/02 and 08/30/02, and the sample tracking staff loading the sample chains-of-custody into the database.

Samples were shipped to the following laboratories this week:

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Laboratory

- ☐ Near Parcel A sampling – Lauckf Laboratory, Seattle, Washington
- ☐ Near Parcel A sampling – Curtis & Tompkins, Berkeley

Types of Analysis

- ☐ Semivolatiles, pesticides, PCBs, metals, TPHp and TPHe, cyanide
- ☐ Chromium 6
- ☐ Shoreline Sampling – Curtis & Tompkins
- ☐ Sample preparation for XRF, semivolatiles, pesticides, PCBs, metals, chromium 6, mercury, and some TPHp and TPHe
- ☐ Shoreline Sampling, APCL, Chino, CA
- ☐ PCB congeners, tributlin (TBT)
- ☐ Shoreline Sampling - Southwest Laboratory, Broken Arrow, OK
- ☐ Dioxins & furans

DATA MANAGEMENT

Chains of custodies were entered into the sample tracking system. Soil boring logs are being completed. Boring logs undergo QC and are entered into the Tetra Tech boring log database as they become available.

2. TECHNICAL ISSUES/ACTIONS TAKEN
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- ☐ Heavy hydrocarbon odors were noted at a depth of 9 feet at IR05B095 and at 8 feet at IR05B098. An additional sample was collected IR05B098 for total petroleum hydrocarbon (TPH) purgeable range based on odors.
- ☐ A previously unidentified area of kiln brick and metallic slag was observed along the Parcel E shoreline between sampling locations IR01SH025 and IR01SH026. Also observed in this area was partially incinerated electrical equipment and large amounts of electrical conduit and wiring. Debris and additional conduit were observed in the slope above the high tide line. A separate sample of brick was collected to determine if this was a possible source area for dioxins and furans. This area was also inspected and photographed during a period of unusually low tide.

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3. PROJECTED WORK NEXT WEEK

FIELD WORK

For the Phase I field investigation, shoreline soil sampling should be nearing completion by the end of the week. Sampling near Parcel A will continue for the balance of the week.

LABORATORY ANALYSIS

Phase I samples investigation soil samples and aqueous samples (rinsate and trip blanks) will continue to be sent to the laboratories for analysis, and consult with the laboratory chemists.

DATA MANAGEMENT

Tetra Tech will continue entering chain of custodies for the field samples collected into the sample tracking system. Tetra Tech will also continue reviewing laboratory login information versus the chain-of-custody for QC and loading data from the chain-of-custody forms into the tracking system. Tetra Tech will continue to generate Phase I investigation soil boring logs. Boring logs will undergo QC and will be entered into the boring log database.